

MARINES FACT FILE: *Hummer vs. Humvee*

Hummer Stats ▼



Body Style: 4 door hard-top
Engine: 6.0L V-8 Vortec 6000
Turning Radius Curb-to-Curb: 43.5 feet
Tires: All-terrain radials
Ground Clearance: 9.9 inches
Seating Capacity: Up to 5
Payload: 1 soccer mom, 4 screaming kids and a whole lot of groceries
Fuel Tank: 32 gallons

Performance

Water Fording: 20 inches
0-50: About 9 seconds
MPG: 10
Grade Capability: 60 percent **Side Slope Capability:** 40 percent

Equipment

AM/FM 6-disc CD changer, OnStar system, brush guard/roof-mounted off-road spotlights, rear air spring suspension system, onboard air compressor, roof or fork-mounted bike carrier, ski/snowboard carrier, 17" chrome wheels, hitch mounted step-to-roof, hitch and ball mounts, Neoprene seat covers, cargo area mat, front-hitch mounted portable winch, food and beverage cooler/warmer, portable DVD player, HUMMER mountain bike

Armament Options

Extras

Packaging: 1 H2 can fit in a two-car garage
Delivery: See your local dealership
Armor: Factory installed undercoating
Towing: Prime mover for jet skis, boats and trailers
Available Colors: Black, Pewter Metallic, Desert Sand Metallic, Yellow, White, Red Metallic, Stealth Gray Metallic
Inventory: 19,581 sold worldwide in 2002

Sticker Price: \$52,384 (w/Adventure package)

▼ Humvee Stats



Body Style: M-998 or M-1038 cargo/troop carrier; M-1043/4 armament carrier; M-997 or M-1035 ambulance; M-1037/42 shelter carrier; M-1097 Heavy; M-1044/45 TOW missile carrier; M-1114A1 fires Support; M-998A1 Avenger
Engine: 6.5L V-8 fuel-injected diesel
Turning Radius Curb-to-Curb: 25 feet
Tires: Run-flat tires, range – 30 miles at 30 mph
Ground Clearance: 16 inches
Seating Capacity: Up to 10
Payload: 4,400 pounds
Fuel Tank: 25 gallons

Performance

Water Fording: 60 inches with fording kit, 30 inches without kit
0-50: 26.1 seconds
MPG: 11
Grade Capability: 60 percent **Side Slope Capability:** 40 percent

Equipment

AN/TRC-170 Digital Radio Terminal, GPS and call for fire capable, infrared driving lights, central tire inflation system, dual antenna mounts, 9,000 lb-capable winch, desert filtration package, lightweight weapons station kit, arctic kit, countermine armor kit, special operations configuration

Armament Options

MK-19 40 mm grenade launcher, .50-caliber M-2HB or M-2HB-QCB machine gun, GAU-19 .50-caliber three barrel Gatling gun, 7.62 mm general purpose machine gun, 8x Stinger missiles, TOW and TOW II anti-aircraft missile systems

Extras

Packaging: 3 hummers can be carried in a C-130
Delivery: Optional delivery via Low Altitude Parachute Extraction System
Armor: Basic armor using a combination of steel, Kevlar and layered polycarbonate windows designed to stop a 17-grain fragment. Supplemental armor increases protection to stop 44-grain fragment.
Towing: Prime mover for M-101, M-102, and M-119 howitzers
Available Colors: Desert Camouflage, Jungle Camouflage
Inventory: 19,598 Marine Corps inventory
Sticker Price: \$35,000 (w/TOW Missile package as shown above)

MARINES PME

Marines have their own special way of doing everything and that includes learning or as Marines call it, Professional Military Education. PME can be as simple as a quick class on uniform care or as complex as a formal course at one of the staff academies. It is a cornerstone ingredient for building leadership potential and strengthening warrior skills. In this issue of Marines PME, we review a Marine Corps Martial Arts brown belt technique, counter to a pistol to the head.

▼ Getting Out of the Line of Fire

Staff Sgt. David Tomlinson, the defender, is a 3rd degree black belt instructor at the Martial Arts Center for Excellence at Marine Corps Base Quantico, Va. Sgt. Trevor Wargo, the aggressor, is a 1st degree black belt instructor at the MACE.



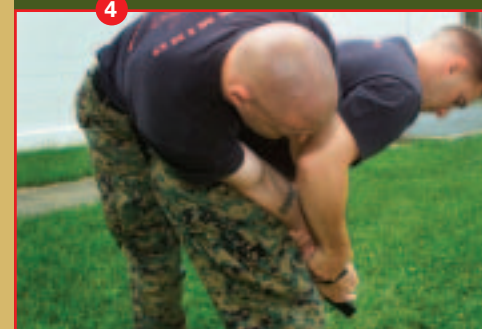
Step 1 – In this scenario Wargo holds a pistol to Tomlinson's head at close range. Tomlinson's goal is to not be shot and to disarm his opponent. Once the pistol has been pulled, Tomlinson assumes a submissive posture, slowly bringing his hands up to chest level with the palms out.



Step 2 – While this "hands up" position looks meek, it actually brings Tomlinson's hands closer to the pistol. Tomlinson puts his hands as close to the pistol as possible without raising the opponent's suspicions. At this point Tomlinson could say something non-aggressive such as, "I don't want any problems," or, "I'm not looking for trouble."



Step 3 – Tomlinson grabs both Wargo's wrists and shoves them upwards. Simultaneously, he drops his head and shoulders down. Throughout this move, he wants to keep his head and body out of the pistol's line of fire and maintain control of his opponent's arms. This move is performed the same way regardless of which hand has the pistol.



Step 4 – Tomlinson steps with his right foot outside Wargo's right foot and traps Wargo's arms in his armpit. Tomlinson then rotates his torso and thrusts his hip into Wargo to off-balance him. Throughout the move, Tomlinson keeps his right elbow tight to his side to maintain control of Wargo's arms.



Step 5 – Tomlinson also keeps a firm grip on Wargo's wrists to prevent them from rotating in his grasp.



Step 6 – Tomlinson grabs the pistol with his left hand and rotates it out of Wargo's hands. Once he has disarmed his opponent, Tomlinson will then use his hips and upper body leverage to further off-balance his opponent and put more space between them. Tomlinson would then turn toward his opponent and prepare for follow-on actions.

NOTE – Throughout this technique, the most important item for Marines to remember is to keep themselves out of the line of fire. For more information about MCMAP training available, see your training section.

